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Progressive Website

What is progressive website?

PWAs or Progressive Web Applications emerge as a natural evolution of mobile apps with advanced features such as better performance, access without an Internet connection, and greatly reduced loading times. All this is possible, in part, because they do not need to be installed on the mobile.

The apps that we knew until now could be native, web and hybrid apps. Basically, they differ in that the first ones must be downloaded, the second ones are used through the browser and the third ones are a combination of the previous ones.

How to make a progressive web page?

1- Create a web page in HTML format and place it in a separate directory.

2- Add one or several images, if necessary.

The CSS style can be "inline" (recommended) or in a helper file.

3- Create and place the Service Worker file in the same directory. (It is a text file with the JS extension, which contains JavaScript instructions.)

4- Create a Manifest file, which must be in the root directory of the site.

5- Link the page created in the previous steps to the 'manifest.json' file, using the following tag located in the header area (HEAD)

- **Requirements**
    - In the Service Worker file, the path to all the files that must be saved in the browser cache must be included.
    - In the directory where the application is located, several pages linked to the main one can be placed.
    - Pages must be served as HTML.